

About IBASE	3
Digital Signage Solutions	
■ Applications	4-5
■ Key Features of IBASE Signage Players	6
■ Leading Edge Solutions	7
Selection Guide	8
Comparison Table	
■ Digital Signage Players	9-10
■ Intel® OPS Signage Players	11

Product Specifications

■ Entry-Level Signage Players		
SI-06	Intel® Atom™ Processor D2550-based Fanless Signage Player with Intel® GMA 3650 Integrated Graphics	12
SI-08	AMD G-Series Dual-Core APU-based Fanless Signage Player with Radeon™ 6320 Graphics	13
SI-12	Intel® Atom™ E3845 Quad-Core Processor-based Fanless Signage Player with Intel® (Gen7-LP) 4EU Graphics	14
SI-18	AMD G-Series Dual-Core APU-based Compact Signage Player with Radeon™ 6320 Graphics	15
SI-22	AMD G-series SoC Quad-Core APU-based Fanless Signage Player with Radeon™ 8330E Graphics	16
■ Mid-Range Signage Players		
SI-38N	AMD R-452L Quad-Core/R-260H Dual-Core APU-based Fanless Signage Player with Radeon™ 7600G/7500G Graphics and Dual DVI	17
SI-38	AMD R-464L Quad-Core/R-272F Dual-Core APU-based Signage Player with Radeon™ 7660G/7520G Graphics and Dual DVI	18
SI-56	2nd/3rd Gen. Intel® Core™ i7/i5/i3/ Celeron® Quad-Core/Dual-Core Processor-based Signage Player with Intel HD Integrated Graphics and Dual HDMI	19
SI-62	2nd/3rd Gen. Intel® Core™ i7/i5/i3/ Celeron® Quad-Core/Dual-Core Processor-based Signage Player with Intel® HD Integrated Graphics and DVI-I + HDMI	20
SI-83	4th Gen. Intel® Core™ i Processor-based Signage Player with Intel® HD 4600 / 4400 Integrated Graphics and Dual DP and HDMI	21
SI-304	2nd Gen. AMD Embedded R-series APU-based Signage Player with Radeon™ HD 9000 Series Graphics and Four HDMI	22
■ Extreme Performance Signage Players		
SI-58	2nd/3rd Gen. Intel® Core™ Processor-based Signage Player with AMD Radeon™ E6760 Graphics and Six HDMI	23
SI-64	2nd/3rd Gen. Intel® Core™ Desktop Processor-based Signage Player with AMD Radeon™ E6760 Graphics and Four DVI	24
SI-60E	4th Intel® Core™ Desktop Processor-based Signage Player with AMD Radeon™ E8860 Graphics and Twelve HDMI	25
■ Outdoor / In-Vehicle Signage Players		
SI-32-N	AMD R-452L Quad-Core APU-based Fanless Signage Player with Radeon™ 7600G Graphics, Dual DVI and Wide Power Input	26
SE-92	Latest Gen. Intel® Core™ i7/i5 ULT Processor-based Fanless Signage Player with Dual DVI and Wide Operating Temperature	27
■ Open Pluggable Specification(OPS) Signage Players		
IOPS-18	AMD G-Series Dual-Core APU-based OPS Signage Player with Radeon™ 6320 Graphics	28
IOPS-76	2nd/3rd Gen. Intel® Core™ i Processor-based OPS Signage Player with Intel® HD Integrated Graphics	29



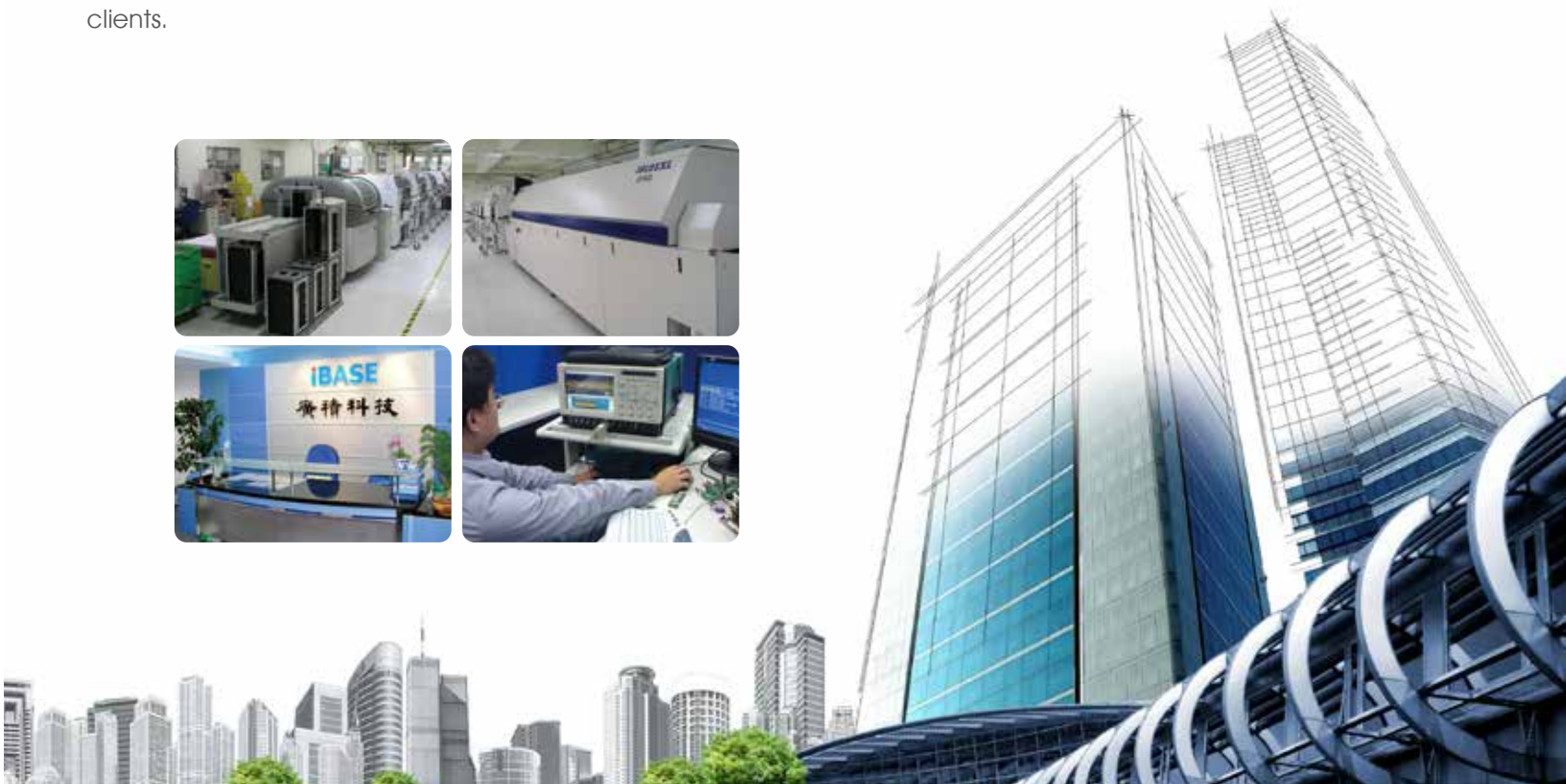
About IBASE

IBASE Technology is a leading embedded PC manufacturer with a special focus on high quality and high performance digital signage media players. We offer a full range of products that cater to the needs of customers for different applications and create unique and successful experiences for our users worldwide.

A full product lineup is available for various requirements such as entry, mid-range or high performance level, which comes with segregated airflow or fanless designs. Our long life-cycle digital signage systems offer one, dual, quad, six and even more DVI/HDMI outputs - all support 1080P individual contents. Best selling models including SI-08, SI-18, SI-28, SI-38 and SI-58 have been certified by SCALA.

IBASE's R&D team is composed of talented hardware and software engineers - 50% with over 10 years and 45% with 5 to 10 years of experience in their respective fields. Manufacturing and quality control of IBASE products are 100% carried out in our own production facilities in Taiwan. Certified by ISO 9001 quality management system, the facilities have been qualified by world-class IT companies.

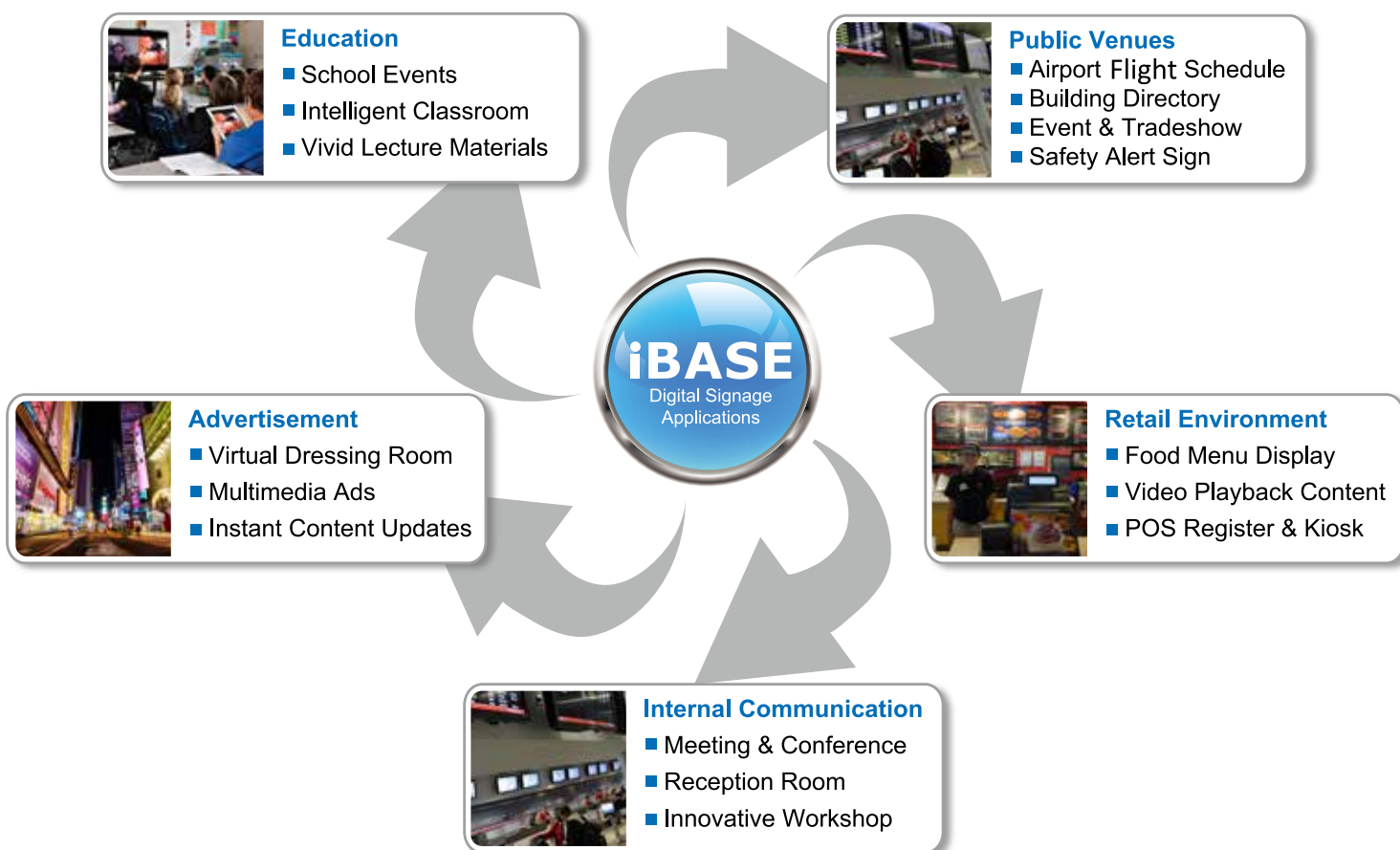
IBASE also provides ODM and design services in computer hardware, software and packaging encompassing industrial designs in various fields and applications. IBASE tailors its services to meet customers' requirements, while providing technical research and R&D expertise, in order to offer one-stop shopping services to our clients.





✦ Digital Signage Solutions

High Quality Signage Players that Cater to Your Needs





Surrounding Your World - with Digital Signage

Digital Signage Deployments

IBASE's Signature Book™ digital signage players have created unique and successful experiences for our users across different industries. Our players are widely adopted in different applications, covering major cities around the world. So contact us now and explore new opportunities!

SI-64



Magic Mat - **Japan**



Vending Machine - **Malaysia**

SI-38



Digital Signage Wall - **Japan**



Digital Signage Menu Boards -
United Kingdom

SI-58



In-Door Promotion - **Japan**



Outdoor Display - **Singapore**

SI-08



Menu Board - **Hong Kong**

SI-18



Public Ad Display - **Japan**

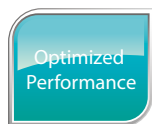
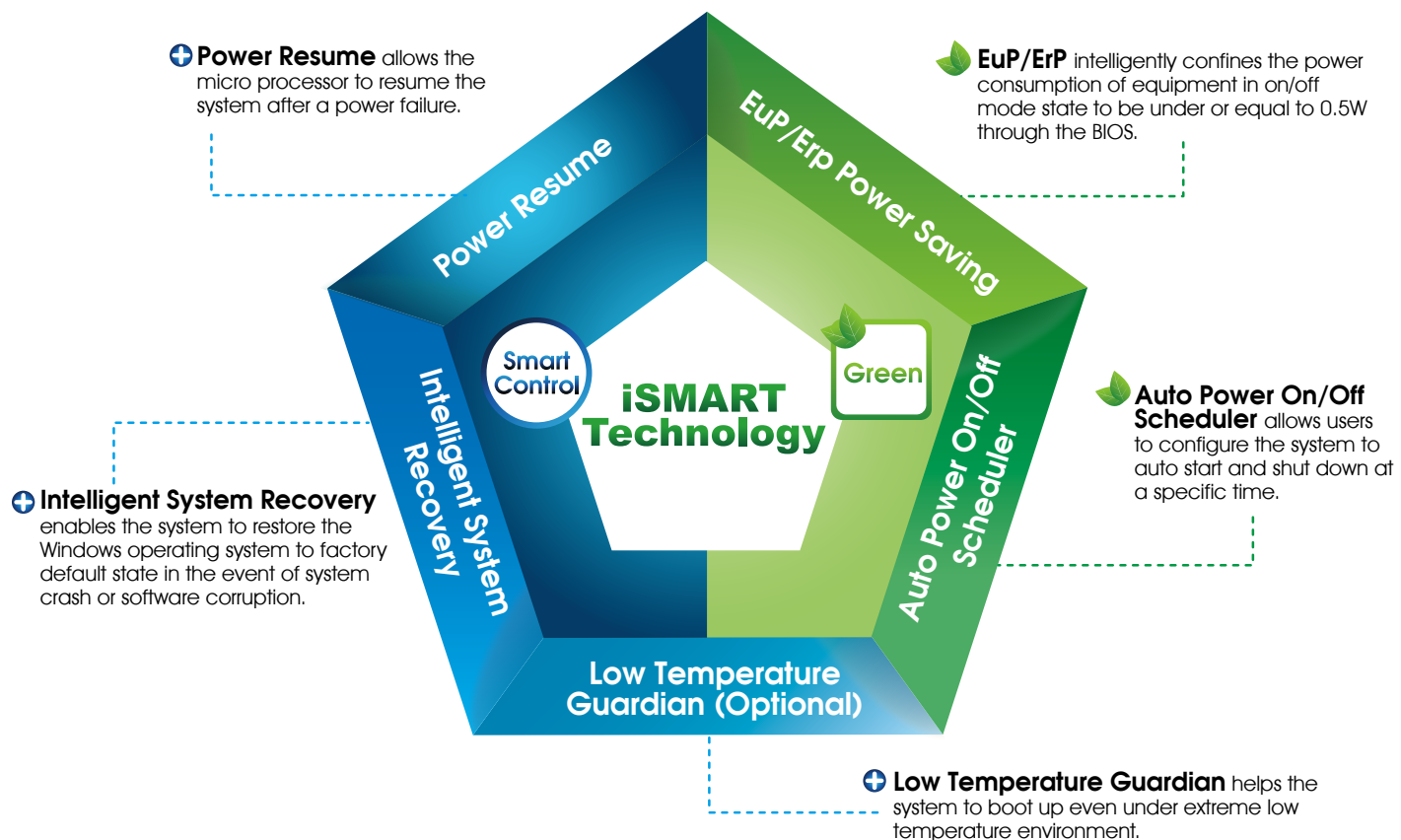


Signage Stand - **New Zealand**



Vending Machine - **Australia**

Key Features of IBASE Signage Players



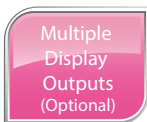
Brings **Optimized Performance** and advanced chipset technologies for retail and digital signage platforms.



Provides flexibility to choose **Industry-Standards OS**, such as Microsoft Windows operating systems.



Highly **Scalable Solutions** catering to different project/business requirements.



Simultaneous **Multiple Independent Display Outputs** provide an ultra immersive visual environment for the ultimate panoramic computing experience.



Multiple Mini PCI-e expansion slot allows **Flexible Connectivity** for WiFi/BT/3G/GPS & TV tuner.



Segregated Thermal Design ensures long term reliability with a minimum acoustic footprint, the cooling airflow is segregated from the electronics to keep contaminants out.



Fanless cooling design utilizes the rugged extruded aluminium chassis as a heat sink to dissipate internal heat and provide a quiet and **Fanless** operation.



Through IBASE innovative design concept and strict selection of components, IBASE signage players are built for **24/7** operation.



IBASE offers **5~7 Years** longevity support and supply that is vital to large-scale stage deployment

Loading Edge Solutions

IBASE is proud to work with the industry-leading digital signage developers to provide complete hardware turnkey solutions used in areas such as retail, outdoor, advertising, public transport, casinos, healthcare, banks, hotels and campuses. Our success in IBASE signage player is driven by aspiration, passion and innovation coming from our dedicated engineers.



Selection Guide






A full range of product choices is available for different requirements such as entry, mid-range or high performance level fanless or segregated ventilation designs. From single to multiple output displays, passive or active cooling, IBASE offers a full range of products that cater to the needs of customers for different applications and environment.

Fanless
**Segregated
Airflow
Design**

Screens	1	2	3	4	5	6	8 ~12
4x3 Video Wall (4K)						SI-60E	
3x2 Video Wall (4K)						SI-58	
2x2 Video Wall (4K)	SI-304 SI-83			SI-304 SI-64 SI-58			
Flash	SI-62(i3) SI-38-DC SI-38/N-DC SI-22 SI-12	SI-62(i5/i7) SI-38-QC SI-38N-QC	SI-64 SI-58 SI-83	SI-304 SI-64 SI-58			SI-60E
FHD	SI-22 SI-12 SI-18 SI-08 SI-06	SI-62(i5) SI-38-DC SI-38N-DC	SI-64 SI-58 SI-83	SI-304 SI-64 SI-58	SI-58	SI-58	SI-60E
HD		SI-22 SI-12	SI-38-QC	SI-304			

Comparison Table

Entry-Level

					
Models	SI-06	SI-08	SI-12	SI-18	SI-22
CPU	Intel® Atom™ Processor D2550 @ 1.86GHz	AMD G-Series Dual-Core APU T56N @ 1.65GHz	Intel® Processor Atom E3845 SoC (22nm); Quad-Core @ 1.91GHz	AMD G-Series Dual-Core APU T56N @ 1.65GHz	AMD Embedded G Series SoC APU Quad-Core @ 1.5GHz
Chipset	Intel® NM10	AMD A50M	Integrated	AMD A50M	Integrated
Memory	DDR3 1066MHz SO-DIMM Max. 4GB	DDR3-1333 SO-DIMM Max. 4GB	2x DDR3L-1333 SO-DIMMs, Dual Channel, Max. 8GB (Non-ECC)	DDR3-1333 SO-DIMM Max. 4GB	DDR3-1600 SO-DIMM Max. 8GB
Graphics	Intel® GMA 3650 integrated graphics engine	AMD Radeon™ HD6320 series graphics processing system integrated in APU	Intel HD Graphics (Gen 7-LP) 4EU	AMD Radeon™ HD6320 series graphics processing system integrated in APU	AMD Radeon™ HD8330E series graphics processing system integrated in APU
Display	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio)	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio)	2x HDMI 1.4a	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio)	2x HDMI 1.4a
Ethernet	1x Realtek RTL8111E	1x Realtek RTL8111C	1x Realtek RTL8111G-CG	1x Realtek RTL8111C	1x Realtek RTL8111DP
Expansion Slots	1x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options	1x Mini PCI-E(x1) for Wi-Fi/ Bluetooth options	1x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options	1x Mini PCI-E(x1) for Wi-Fi/ Bluetooth options	1x mPCIe(x1) for WiFi + Bluetooth, 3G, and TV tuner options 1x UIM/SIM card slot (for 3G/LTE adapter in mPCIe slot)
Video Capability	1x FHD	1x FHD	1x FHD 2x HD	1x FHD	1x FHD 2x HD
iSMART	Yes	Yes	Yes	Yes	Yes
Fanless	Yes	Yes	Yes	Segregated Flow Ventilation	Yes
iAMT/DASH	-	-	-	-	DASH
Certification	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE, FCC class B, VCCI class B, UL and CCC
Storage	1x 2.5" HDD/SSD 1x mSATA	1x 2.5" HDD/SSD	1x mSATA	1x 2.5" HDD/SSD	1x mSATA
USB	2x USB 2.0	2x USB 2.0	2x USB 2.0 1x USB 3.0	2x USB 2.0	1x USB 2.0 2x USB 3.0
Dimensions	166mm(W) x 102mm(D) x 34mm(H)	200mm(W) x 150mm(D) x 34.8mm(H)	190mm(W) x 130mm(D) x 19.5mm(H)	125mm(W) x 125mm(D) x 36mm(H)	190mm(W) x 130mm(D) x 19.5mm(H)
Weight	1.26KG (2.77lbs)	1.3Kg (2.86lbs)	1.2 Kg (2.65lbs)	0.8Kg (1.76lbs)	0.9Kg (1.98lbs)
Operating Temperature	0°C~ 45°C (32°F~113°F)	0°C~ 40°C (32°F~104°F)	-30°C~ 60°C (-22°F~140°F)	0°C~ 40°C (32°F~104°F)	0°C~ 45°C (32°F~113°F)
Power Supply	40W power adaptor	60W power adaptor	60W power adaptor	60W power adaptor	60W power adaptor

Comparison Table








Mid-Range

Coming Soon



Models	SI-38	SI-38N	SI-56	SI-62	SI-83	SI-304
CPU	AMD R-Series 32nm Quad-Core R-464L or Dual-Core R-272F APU	Onboard AMD R-Series 32nm Quad-Core R-452L/ Dual Core R-260H APU	2nd/3rd Generation Intel® Mobile Core™ i7/i5/i3/ Celeron® QC/ DC processors	2nd/3rd Generation Intel® Mobile Core™ i7/i5/i3/ Celeron® QC/ DC processors	4th Generation Intel® Core™ i7-4700EQ @ 2.4GHz / i5-4400E @ 2.7GHz	2nd Generation AMD Embedded R-series APU (codenamed: "Bald Eagle")
Chipset	AMD A70M	AMD A70M	Intel® QM67	Intel® QM77	Intel® QM87	AMD A77E
Memory	2x DDR3-1600 SO-DIMM Dual Channel, Max. 8GB	2x DDR3-1600 SO-DIMM, Dual Channel, Max. 8GB	2x DDR3-1333 SO-DIMM Dual Channel, Max. 16GB	2x DDR3-1600 SO-DIMM Dual Channel, Max. 16GB	2x DDR3L-1600 SO-DIMM Dual Channel, Max. 16GB	2x DDR3-2133 SO-DIMM, Dual Channel, Max. 32GB
Graphics	AMD Radeon™ HD 7660G GPU for R-464L /7520G GPU for R272F	AMD Radeon™ HD 7600G GPU for R-452L /7500G GPU for R-260H	Intel® HD Graphics 4000	Intel® HD Graphics 4000	Intel® HD Graphics 4600/4400	AMD Radeon™ HD 9000 series GPU
Display	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 1x Dual Link DVI-I	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 1x Dual Link DVI-I	2x HDMI	1x DVI-I 1x HDMI	1x HDMI 2x DP	4x HDMI with 4096 x 2160 resolution per display output & EDID emulation function
Ethernet	1x Realtek RTL8111E	1x Realtek RTL8111E	1x Intel® 82579LM 1x Intel® 82579V	1x Intel® 82579LM	1x Intel® WGI217LM 1x Realtek RTL8111G-CG	1x Realtek RTL8111EP
Expansion Slots	2x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options	2x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options	2x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options	2x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options 1x SIM card slot	1x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options	2x Mini PCI-E(x1) slots for optional Wi-Fi/ Bluetooth/ TV Tuner/ 3G/LTE Wireless 1x SIM card slot
Video Capability	2x FHD	2x FHD	2x FHD	2x FHD	3x FHD 1x 4K video playback	4x FHD 1x 4K video playback
iSMART	Yes	Yes	Yes	Yes	Yes	Yes
Fanless	Segregated flow ventilation	Yes	Segregated flow ventilation	-	Segregated flow ventilation	Segregated flow ventilation
iAMT/DASH	-	-	iAMT	iAMT	iAMT	DASH
Certification	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC
Storage	1x 2.5" HDD/SSD 1x mSATA	1x 2.5" HDD/SSD 1x mSATA	1x 2.5" HDD/SSD 1x mSATA	1x 2.5" HDD/SSD 1x mSATA	1x mSATA	1x NGFF B key 22 x 42mm(2242) 1x mSATA
USB	2x USB 3.0	2x USB 3.0	3x USB 3.0	2x USB 3.0	2x USB 3.0 2x USB 2.0	1x USB 2.0 2x USB 3.0
Dimensions	270mm(W) x 180mm(D) x 26.5mm(H)	270mm(W) x 181mm(D) x 35mm(H)	275mm(W) x 275mm(D) x 30mm(H)	178mm(W) x 150mm(D) x 35mm(H)	175mm(W) x 116mm(D) x 30mm(H)	270mm(W) x 180mm(D) x 26.5mm(H)
Weight	1.7kg (3.75lbs)	1.7kg (3.75lbs)	3.1Kg (6.83lbs)	1kg (2.20lbs)	1.2 Kg (2.65lbs)	1.7kg (3.75lbs)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)	0°C ~ 45°C (32°F ~ 104°F)	0°C ~ 45°C (32°F ~ 113°F)	0°C ~ 45°C (32°F ~ 113°F)	0°C ~ 45°C (32°F ~ 113°F)	0°C ~ 45°C (32°F ~ 113°F)
Power Supply	84W power adaptor	84W power adaptor	150W power adaptor	60W power adaptor	84W power adaptor	84W power adaptor

Comparison Table

High Performance & Multi-port Platform			Outdoor / In-vehicle signage		OPS solution	
		 Coming Soon	 Coming Soon	 Coming Soon		
SI-58	SI-64	SI-60E	SI-32-N	SE-92	iOPS-18	iOPS-76
2nd/3rd Generation Intel® Mobile Core™ i7/ i5/i3/ Celeron® QC/ DC processors	2nd/3rd Generation Intel® Desktop Core™ i7/ i5/i3/ Celeron® QC/ DC processors	Intel® 4th Generation Core™ i7 / i5 / i3 and Pentium® QC/DC desktop processors, Up to 3.5GHz	Onboard AMD R-Series 32nm R-452L(1.6/2.4 GHz) APU	Intel® newest Core™ i7/i5 ULT processors	AMD G-Series Dual-Core APU T56N @ 1.65GHz	2nd/3rd Generation Intel® Mobile Core™ i7/ i5/i3/ Celeron® QC/ DC BGA type processors
Intel® QM67	Intel® Q77	Intel® Q87	AMD A70M	SoP (System-on-Package)	AMD A50M	Intel® QM77
2x DDR3-1333 SO-DIMM Dual Channel, Max. 16GB	2x DDR3 1066/1333/1600 DIMM, Dual Channel, Max. 16GB	4x DDR3 1600 MHz DIMM, Dual Channel, Max. 32GB	2x DDR3-1600 SO-DIMM, Max. 8GB	2x DDR3L-1600 SO-DIMM, Dual Channel, Max. 16GB	DDR3-1333 SO-DIMM Max. 8GB	2x DDR3-1600 SO-DIMM, Dual Channel, Max. 16GB
AMD E6760 GPU (480 Cores @ 600 MHz) w/ 1024MB GDDR5-1600	AMD E6760 GPU (480 Cores @ 600 MHz) w/ 1024MB GDDR5-1600	AMD E8860 GPU with 128-bit wide, 2GB GDDR5, 72Gbps	AMD Radeon™ HD 7600G GPU	Intel® HD graphics engine	AMD Radeon™ HD6320 series graphics processing system integrated in APU	Intel® HD Graphics 4600/4400
6x HDMI	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 3x DVI-D	12x HDMI with EDID emulation function	1x Hybrid DVI (VGA/ DVI/ HDMI with audio) 1x Dual link DVI-I	2x Hybrid-DVI (VGA/ DVI/ HDMI with audio) with EDID emulation function	1x OPS 1x VGA	1x OPS 1x DP
1x Intel® 82579LM 1x Intel® 82579V	1x Intel® 82579LM 1x Intel® 82579V	1x Intel® WGI218LM 1x Realtek RTL8111G-CG	2x Realtek RTL8111G-CG PCI-E Gigabit LAN controller	1x Intel® 218LM PHY 1x Intel® 210IT PCIe	1x Realtek RTL8111C-VB-GR	1x Intel® 82579LM
2x Mini PCI-E(x1) slots for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options	2x Mini PCI-E(x1) slots for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options	2x Mini PCI-E(x1) slots for optional Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options	2x Mini PCI-E(x1) slots for optional Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless	1x Mini PCI-E(x1) slot for Wi-Fi/ Bluetooth/ TV Tuner/ 3G /LTE Wireless options 1x SIM card slot 2x M2(NGFF) slots for SSD Devices/ Wi-Fi/ Bluetooth/ 3G/LTE/ TV tuner options	1x Mini PCI-E(x1) slot for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options	1x Mini PCI-E(x1) slot for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options
6x FHD 1x 4K video playback	4x FHD 1x 4K video playback	12x FHD 1x 4K video playback	2x FHD	2x FHD	1x FHD	2x FHD
Yes	Yes	Yes	Yes	Yes or In-vehicle power management	-	-
Segregated flow ventilation	-	Segregated flow ventilation	Yes	Yes	-	-
iAMT	iAMT	iAMT	-	iAMT	-	iAMT
CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL, CCC & e13 Mark	CE/FCC	CE/FCC
1x 2.5" HDD/SSD 1x mSATA	1x 2.5" HDD/SSD 1x mSATA	2x 2.5" HDD/SSD with Raid 1 function support 1x mSATA	1x 2.5" open frame SSD 1x mSATA	1x 2.5" HDD/SSD 1x mSATA 1x NGFF M key 22mm x 80mm (2280)	1x open frame SSD	1x mSATA
3x USB 2.0	2x USB 3.0 2x USB 2.0	4x USB 3.0	3x USB 3.0	2x USB 2.0 2x USB 3.0	2x USB 2.0	2x USB 3.0
275mm(W) x 275mm(D) x 30mm(H)	380mm(W) x 250mm(D) x 45mm(H)	411mm(W) x 310mm(D) x 47mm(H)	252mm(W) x 216mm(D) x 44mm(H)	280mm(W) x 216mm(D) x 44mm(H)	200mm(W) x 119mm(D) x 30mm(H)	200mm(W) x 119mm(D) x 30mm(H)
3.1Kg (6.83lbs)	4.1kg (9.04lbs)	TBD	1.7Kg (3.75lbs)	TBD	0.9Kg (1.98lbs)	0.9Kg (1.98lbs)
0°C~ 45°C (32°F~113°F)	0°C~ 45°C (32°F~113°F)	0°C~ 45°C (32°F~113°F)	0°C~ 45°C (32°F~113°F)	-40°C~ 75°C (-40°F~167°F)	0°C~ 40°C (32°F~104°F)	0°C~ 45°C (32°F~113°F)
150W power adaptor	Internal 250W PSU	Internal 250W PSU	84W power adaptor	-	-	-



Features

- iSMART - for EuP/ErP power saving, autoscheduler and power resume
- Onboard Intel® Atom™ Processor D2550 (Low power consumption)
- Intel® GMA 3650 integrated graphics
- 1x DDR3 1066MHz SO-DIMM Max. 4GB
- 2x Mini PCI-E(x1) slot expansion slot for mSATA, Wi-Fi, 3G or TV tuner options
- Fanless and compact design

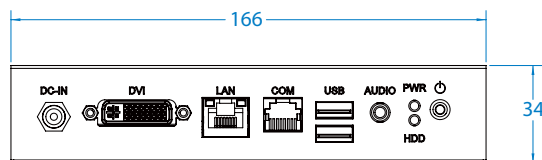
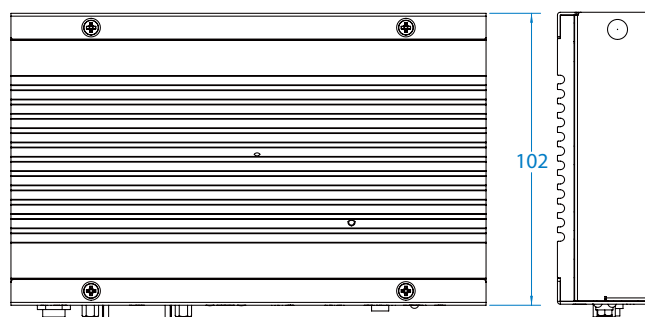
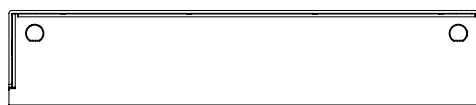
Specifications

System Mainboard	IB901
CPU Type	Intel® Atom™ Processor D2550
CPU Package	FCBGA559
Chipset	Intel® NM10
Memory	1x 204-pin SO-DIMM socket, support DDR3 1066MHz with unbuffered and non-ECC memory module, Max. 4GB
Graphics	Intel® GMA 3650 integrated graphic engine
LAN	1x Realtek RTL8111E PCI-E Gigabit LAN controller
Expansion Slots	1x Mini PCI-E(x1) slot for mSATA, Wi-Fi, Bluetooth, 3G Wireless and TV tuner options
I/O Interface	2x USB 2.0 ports 1x RJ45 for Gigabit LAN 1x RJ45 for RS232 1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 1x Microjack audio connector for speaker Power LED / HDD LED, power on/off button 12V DC-in power connector
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	1.26KG (2.77lbs)
Chassis Color	Black & White
Storage	1x 2.5" HDD drive bay 1x mSATA
Power Supply	40W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	166mm(W) x 102mm(D) x 34mm(H) 6.54"(W) x 4.02"(D) x 1.34"(H)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-06	Signage Player with 2GB RAM, 320GB HDD, 40W power adaptor
SI-06M	Signage Player without RAM, HDD, with 40W power adaptor
SI-MK1	Mounting bracket for SI-06/08/12/18/22 series

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.
3. For user's manual & datasheet download, visit www.ibase.com.tw

SI-08

AMD G-Series Dual-Core APU-based Fanless Signage Player with Radeon™ 6320 Graphics

Signature Book™



Features

- iSMART - for auto-scheduler and power resume
- AMD Embedded G-Series APU (Dual-Core)
- Integrated 80 Core DirectX 11 GPU in processor
- 1x Hybrid-DVI (supports CRT, DVI or HDMI)
- 1x DDR3 1333MHz SO-DIMM, Max. 4GB
- Mini PCI-E(x1) slot for Wi-Fi + Bluetooth option
- One RS232 serial port
- Fanless and compact design

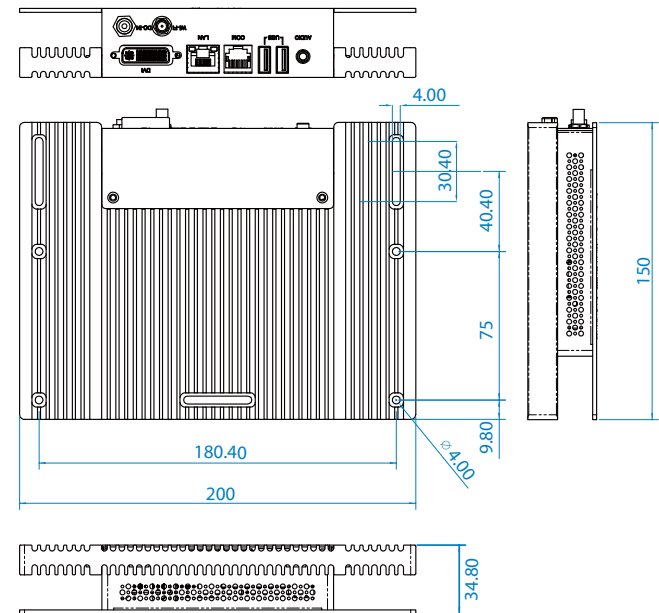
Specifications

System Mainboard	EB900-16C-SI
CPU Type	AMD G-Series Dual-Core APU (T56N=1.65GHz @ 18W TDP)
CPU Package	413-BGA
Chipset	AMD A50M
Memory	DDR3 1333MHz SO-DIMM memory, Max. 4GB
Graphics	AMD Radeon™ HD6320 series graphics processing system integrated in APU: DirectX 11, Direct Computer 11, Open GL 4.0, OpenCL 1.1, UVD3 Hardware Video Decoder – MPEG2, MPEG4, H.264, VC-1, WMV9, Hybrid-DVI connector supporting CRT, DVI, or HDMI devices
LAN	1x Realtek RTL8111C PCI-E Gigabit LAN controller
Expansion Slots	1x Mini PCI-E(x1) for Wi-Fi Bluetooth options
I/O Interface	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 2x USB 2.0 ports 1x RJ45 for Gigabit LAN 1x RJ45 for RS232 serial port 1x Microjack audio connectors for Line-in or Line-out
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	1.3Kg (2.86lbs)
Chassis Color	Black & White
Storage	1x 2.5" HDD drive bay
Power Supply	60W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	200mm(W) x 150mm(D) x 34.8mm(H) 7.87"(W) x 5.91"(D) x 1.37"(H)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-08	Signage Player with AMD T56N APU 1.65GHz, 2GB RAM, 320GB HDD, 60W power adaptor
SI-08M	Signage Player with AMD T56N APU 1.65GHz, without RAM, HDD, with 60W power adaptor
SI-MK1	Mounting bracket for SI-06/08/12/18/22 series

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.
3. For user's manual & datasheet download, visit www.ibase.com.tw



Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- Intel® Atom™ Processor E3845 SoC (22nm); Quad-Core @ 1.91GHz
- Intel HD Graphics (Gen 7-LP) 4EU
- 2x DDR3L-1333 SO-DIMM, Dual Channel, Max. 8GB
- Supports 2x HDMI 1.4a
- 1x Mini PCI-E(x1) slots for WiFi + Bluetooth, 3G, and TV tuner board options
- Fanless, super slim and compact design
- Wide operating temperature support from -30°C to 60°C

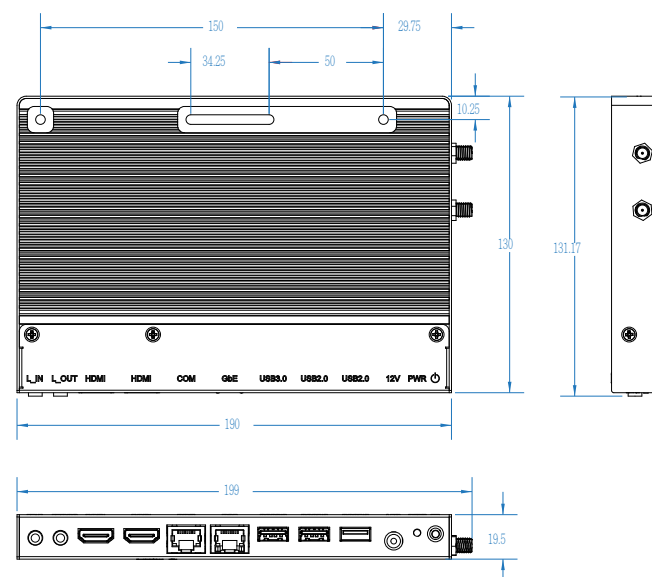
Specifications

System Mainboard	IB812
CPU Type	Intel® Atom™ E3845 SoC (22nm); Quad-Core @1.91GHz Integrated Graphic Core
CPU Socket	FCBGA 1170 BGA -- aka Atom "Type 3" (25mm x 27mm)
Chipset	SoC Integrated
Memory	2x DDR3L-1333 SO-DIMMs, Dual Channel, Max. 8GB (Non-ECC)
Graphics	Intel® HD Graphics (Gen 7-LP) 4EU
LAN	1x RJ-45 GbE
Expansion Slots	1x mPCIe(x1) for WiFi + Bluetooth, 3G, and TV tuner options 1x UIM/SIM card slot (for 3G/LTE adapter in mPCIe slot)
I/O Interface	2x HDMI 1.4a 1x USB 3.0 port, 2x USB 2.0 ports 1x RJ45 for LAN, 1x RJ45 for RS232 2x audio connectors for Line-in / Line-out Power / HDD LED, 1x power on/off button 1x DC jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 sec/min
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	1.2 Kg (2.65lbs)
Chassis Color	Black & White
Storage	1x mSATA
Power Supply	60W power adaptor
Mounting	STD system bracket
Dimensions	190mm(W) x 130mm(D) x 19.5mm(H) 7.5"(W) x 5.1"(D) x 0.77"(H)
Operating Temperature	-30°C ~ 60°C (-22°F~140°F)
Storage Temperature	-40°C ~ 80°C (-40°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-12	Signage Player with Intel® Atom™ E3845 SoC (22nm); Quad-Core @ 1.91 GHz, 4GB SO-DIMM RAM, 64GB mSATA, and 60W power adaptor
SI-12M	Signage Player with Intel® Atom™ E3845 SoC (22nm); Quad-Core @ 1.91 GHz, w/o RAM, mSATA, w/ 60W power adaptor
SI-MK1	Mounting bracket for SI-06/08/12/18/22 series

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.
3. For user's manual & datasheet download, visit www.ibase.com.tw

SI-18

AMD G-Series Dual-Core APU-based Compact Signage Player
with Radeon™ 6320 Graphics

Signature Book™



Features

- iSMART - for auto-scheduler and power resume
- AMD Embedded G-Series APU (Dual-Core)
- Integrated 80 Core DirectX 11 GPU in processor
- 1x Hybrid-DVI (supports CRT, DVI or HDMI)
- 1x DDR3 1333MHz SO-DIMM, Max. 4GB
- Mini PCI-E(x1) slot for Wi-Fi + Bluetooth options
- One RS232 serial port
- Compact design

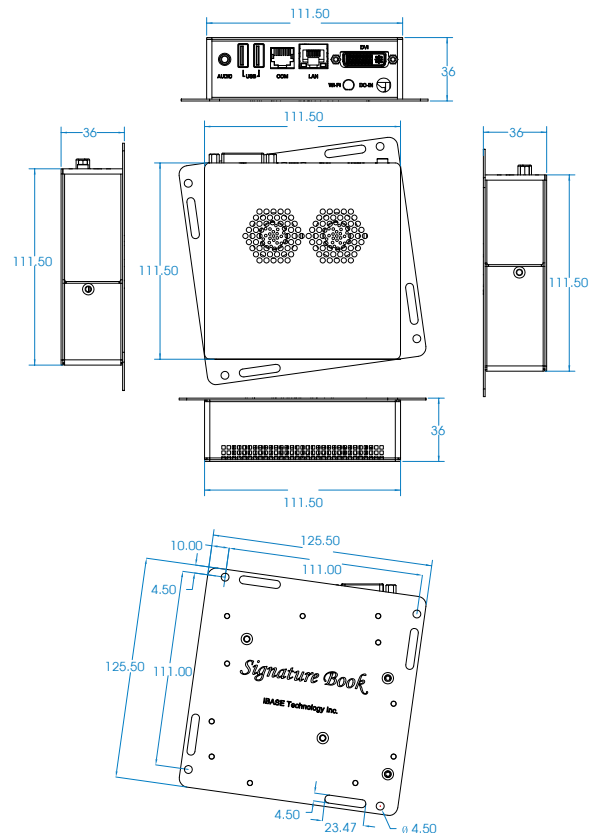
Specifications

System Mainboard	EB900-16C-SI
CPU Type	AMD G-Series Dual-Core APU (T56N=1.65GHz @ 18W TDP)
CPU Package	413-BGA
Chipset	AMD A50M
Memory	DDR3 1333MHz SO-DIMM memory, Max. 4GB
Graphics	AMD Radeon™ HD6320 series graphics processing system integrated in APU <ul style="list-style-type: none"> • DirectX 11 • Direct Compute 11 • Open GL 4.0 • OpenCL 1.1 • UVD3 Hardware Video Decoder – MPEG2, MPEG4, H.264, VC-1, WMV9 • Hybrid-DVI connector supporting CRT, DVI, or HDMI
LAN	1x Realtek RTL8111C PCI-E Gigabit LAN controller
Expansion Slots	1x Mini PCI-E(x1) for Wi-Fi + Bluetooth options
I/O Interface	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 2x USB 2.0 ports 1x RJ45 for Gigabit LAN 1x RJ45 for RS232 serial port 1x Microjack audio connectors for Line-in or Line-out
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	SGCC
Weight	0.8Kg (1.76lbs)
Chassis Color	Black & White
Storage	1x 2.5" HDD drive bay
Power Supply	60W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	125mm(W) x 125mm(D) x 36mm(H) 4.92"(W) x 4.92"(D) x 1.42"(H)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-18	Signage player with AMD T56N APU 1.65GHz, 2GB RAM, 320GB HDD, 60W power adaptor
SI-18M	Signage player with AMD T56N APU 1.65GHz, without RAM, HDD, with 60W power adaptor
SI-MK1	Mounting bracket for SI-06/08/12/18/22 series

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
 2. ODM/OEM is available.
 3. For user's manual & datasheet download, visit www.ibase.com.tw



Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- AMD Embedded G-Series SoC (Max. Quad-Core @ 1.5GHz)
- Integrated 80 Core DirectX 11.1 GPU in processor
- Supports DASH function for remote control
- Supports 2x HDMI 1.4a
- 1x DDR3-1600 SO-DIMM, Single Channel, Max. 8GB
- 1x Mini PCI-E(x1) slots for WiFi + Bluetooth, 3G, and TV tuner board options
- Fanless, super slim and compact design

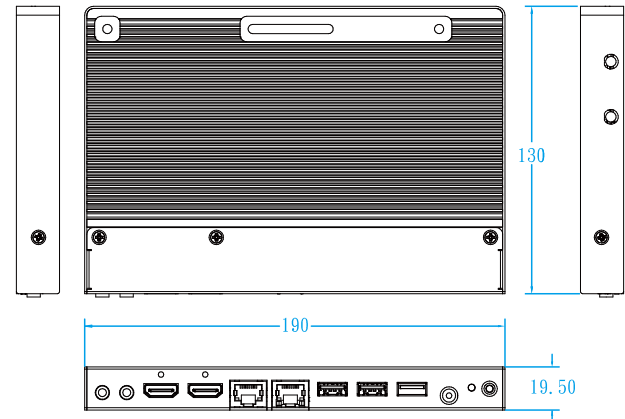
Specifications

System Mainboard	IB922
CPU Type	AMD G-Series; Quad-Core @ 1.5GHz APU
CPU Socket	FT3 BGA package
Chipset	SoC Integrated
Memory	1x DDR3 1600 MHz SO-DIMM, Max. 8GB (Non-ECC)
Graphics	AMD Radeon™ HD8330E graphics processing system integrated in APU <ul style="list-style-type: none"> • DirectX 11.1 • Direct Compute 11 • Open GL 4.0 • OpenCL 1.1 • UVD4.2 Hardware Video Decoder -H.264, MPEG-2, VC-1, MPEG4 (DivX), and WMV • VCE 2.0 -Video conferencing, wireless display, H.264, SVC
LAN	1x GbE (Realtek RTL 8111DP)
Expansion Slots	1x mPCIe(x1) for WiFi + Bluetooth, 3G, and TV tuner options 1x UIM/SIM card slot (for 3G/LTE adapter in mPCIe slot)
I/O Interface	2x HDMI 1.4a 2x USB 3.0 ports, 1x USB 2.0 port 1x RJ45 for LAN, 1x RJ45 for RS232 2x Microjack audio connectors for Line-in / Line-out Power LED, 1x power on/off button 1x DC jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	0.9Kg (1.98lbs)
Chassis Color	Black & White
Storage	1x mSATA
Power Supply	60W power adaptor
Mounting	Standard system bracket
Dimensions	190mm(W) x 130mm(D) x 19.5mm(H) 7.5"(W) x 5.1"(D) x 0.77"(H)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC class B, VCCI class B, UL and CCC

Ordering Information

SI-22-415	Signage Player with G-Series Quad-Core @ 1.5 GHz APU, 4GB DDR3 SO-DIMM, 64GB mSATA, 60W power adaptor
SI-22-415M	Signage Player with G-Series Quad-Core @ 1.5 GHz APU and 60W power adaptor (w/o memory & mSATA)
SI-MK1	Mounting bracket for SI-06/08/12/18/22 series

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.
3. For user's manual & datasheet download, visit www.ibase.com.tw

SI-38N

AMD R-452L Quad-Core/R-260H Dual-Core APU-based Fanless Signage Player with Radeon™ 7600G/7500G Graphics and Dual DVI

Signature Book™



Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- Dual independent 1080p playback
- AMD R-Series Quad-Core R-452L/Dual-Core R-260H APU, up to 19W
- 2x DDR3 1600MHz SO-DIMM, Max. 8GB
- AMD Radeon™ HD 7600G/7500G GPU
- Dual Mini PCI-E(x1) slots for Wi-Fi, Bluetooth, 3G or TV tuner options
- Compact and fanless design

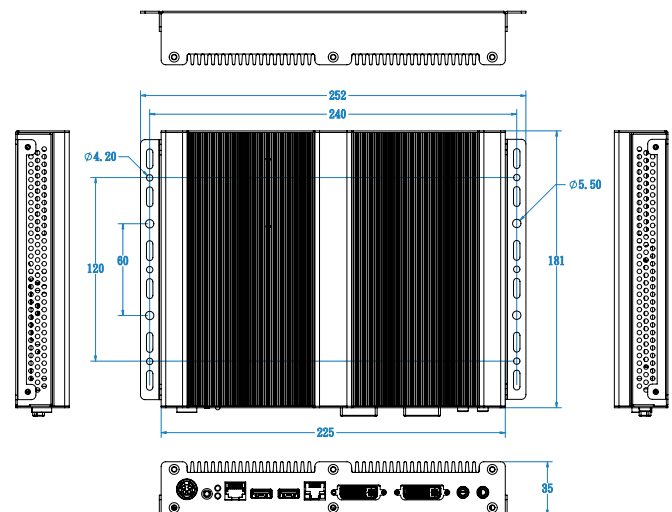
Specifications

System Mainboard	IB937
CPU Type	AMD R-Series 32nm QC/DC APU *The maximum TDP supported is 19W*
CPU Package	827-BGA (837mm*2)
Chipset	AMD A70M
Memory	2x DDR3 1600MHz SO-DIMM memory, Max. 8GB
Graphics	AMD Radeon™ HD 7600G/7500G GPU for Quad-Core R-452L/Dual-Core R-260H 2x Hybrid DVI-I Supports: OpenCL™ 1.1 DirectCompute 11, DirectX® 11 UVD3 Hardware Video Decoder, MPEG-2, MPEG-4, H.264, VC-1, WMV
LAN	1x RTL8111E Gigabit LAN controller
Expansion Slots	1x mSATA/mPCIe(x1) Full size 1x mPCIe(x1) Half size For Wi-Fi, Bluetooth, 3G or TV Tuner options
I/O Interface	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 1x Dual-link DVI-I 2x USB 3.0 ports 1x RJ45 for LAN 1x RJ45 for RS232 2x Microjack audio connectors for Line-in / Line-out Power LED / HDD LED, power on/off button
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	1.7kg(3.75lbs)
Chassis Color	Black & White
Storage	1x external removable 2.5" HDD/SSD drive bay 1x mSATA
Power Supply	84W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	252mm(W) x 181mm(D) x 35mm(H) 9.92"(W) x 7.12"(D) x 1.37"(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-38N-45	Signage Player with AMD R452L Quad-Core (1.6/2.4GHz) CPU, 4GB DDR3 SO-DIMM, 2.5" 320GB SATA HDD, 84W power adaptor
SI-38N-26	Signage Player with AMD R260H Dual-Core (2.1/2.6GHz) CPU, 4GB DDR3 SO-DIMM, 2.5" 320GB SATA HDD, 84W power adaptor
SI-38N-45M	Signage Player with AMD R452L Quad-Core (1.6/2.4GHz) CPU, without RAM, HDD, with 80W adaptor
SI-38N-26M	Signage Player with AMD R260H Dual-Core (2.1/2.6GHz) CPU without RAM, HDD, with 80W adaptor
SI-MK3	Mounting bracket for SI-24SD/28/38 series

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.
3. For user's manual & datasheet download, visit www.ibase.com.tw



Specifications

System Mainboard	IB938
CPU Type	AMD R-Series 32nm Quad-Core/Dual-Core APU* *The maximum TDP supported is 35W
CPU Package	PGA-722 package (35 x 35 mm)
Chipset	AMD A70M
Memory	2x DDR3 1600MHz SO-DIMM memory, Max. 8GB
Graphics	AMD Radeon™ HD 7660G/7520G GPU for Quad-Core R-464L/Dual-Core R-272F 2x Hybrid DVI-I Supports: OpenCL™ 1.1, DirectCompute 11, DirectX® 11 UVD3 Hardware Video Decoder – MPEG-2, MPEG-4, H.264, VC-1, WMV
LAN	1x RTL8111E Gigabit LAN controller
Expansion Slots	1x mSATA / mPCIe(x1) Full size 1x mPCIe(x1) Half size For Wi-Fi, Bluetooth, 3G or TV tuner options
I/O Interface	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 1x Dual-link DVI-I 2x USB 3.0 ports 1x RJ45 for LAN 1x RJ45 for RS232 2x Microjack audio connectors for Line-in / Line-out Power LED / HDD LED, power on/off button
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	1.7kg(3.75lbs)
Chassis Color	Black & White
Storage	1x removable 2.5" HDD/SSD drive bay, 1x mSATA
Power Supply	84W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	270mm(W) x 181mm(D) x 26.5mm(H) 10.63"(W) x 7.09"(D) x 1.04"(H)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

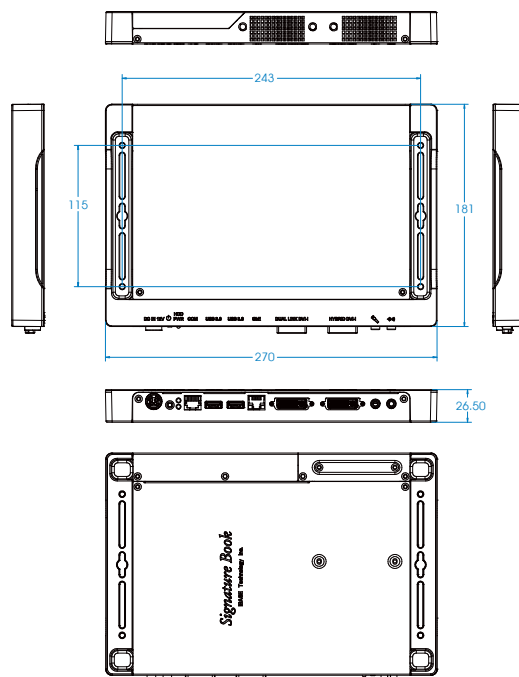
Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- Dual independent 1080p playback
- AMD R-Series Quad-Core R-464L/Dual-Core R-272F APU, up to 35W
- AMD Radeon™ HD 7660G/7520G GPU
- 2x DDR3 1600MHz SO-DIMM, Max. 8GB
- Dual Mini PCI-E(x1) slots for Wi-Fi, Bluetooth, 3G or TV tuner options
- Segregated flow ventilation design

Ordering Information

SI-38-QC	Signage Player with AMD R464L Quad-Core (2.3GHz) CPU, 4GB DDR3 SO-DIMM, 2.5" 320GB SATA HDD, 84W power adaptor
SI-38-DC	Signage Player with AMD R272F Dual-Core (2.7GHz) CPU, 4GB DDR3 SO-DIMM, 2.5" 320GB SATA HDD, 84W power adaptor
SI-38M	Signage Player without CPU, RAM, HDD, with 80W adaptor
SI-MK3	Mounting bracket for SI-24SD/28/38 series

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.
3. For user's manual & datasheet download, visit www.ibase.com.tw

SI-56

2nd/3rd Gen. Intel® Core™ i7/i5/i3/ Celeron® Quad-Core/Dual-Core
Processor-based Signage Player with Intel HD Integrated Graphics and Dual HDMI

Signature Book™



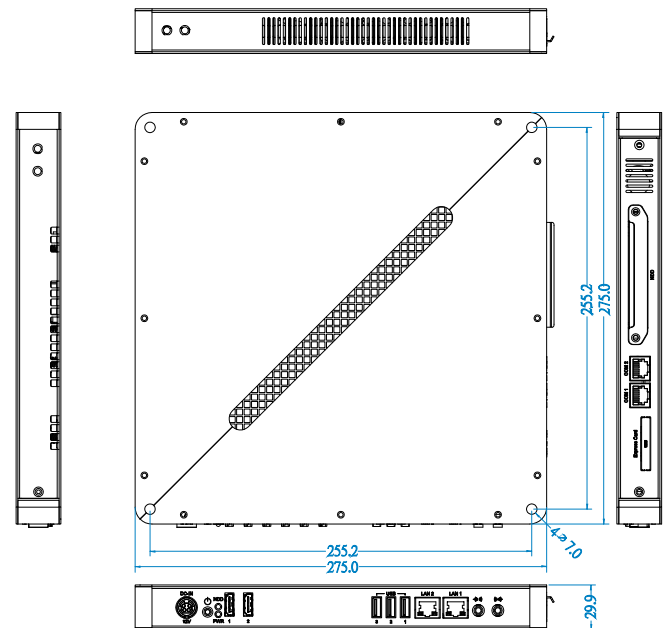
Features

- iSMART - for auto-scheduler and power resume
- Supports 2nd/3rd Generation Intel® Core™ i7/i5/i3 Mobile Processors
- Intel® HD Graphics Engine
- iAMT Compliance for remote management
- 2x DDR3 1600MHz SO-DIMM, Max. 16GB
- Expresscard slot and dual mPCIe(x1) slots
- Two RS232 serial ports
- Slim and compact design
- Segregated ventilation design

Ordering Information

SI-56-2510	Signage Player with 2nd Generation Intel® Core™ i5 2510E, 2.5GHz, 4GB RAM, 320GB HDD & 150W power adaptor
SI-56M	Signage Player without CPU/RAM/HDD, with 150W power adaptor
SI-MK5	Mounting bracket for SI-56/58 series

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
 2. ODM/OEM is available.
 3. For user's manual & datasheet download, visit www.ibase.com.tw

Specifications

System Mainboard	IB958-56
CPU Type	2nd/3rd Generation Intel® Core™ i7/i5/i3 Mobile Processors
CPU Package	FCPGA988
Chipset	Intel® QM67
Memory	2x DDR3 1600MHz SO-DIMM memory, Max. 16GB
Graphics	Intel® HD Graphics Engine DirectX® 10.1, Shader 4.1 OpenGL 3.0 capable Intel® Clear Video HD Technology support: HD Acceleration / H.264, MPEG2, VC1 Decode
LAN	1x Intel® 82579LM Gigabit LAN controller (with iAMT 7.0) 1x Intel® 82579V Gigabit LAN controller
Expansion Slots	2x Mini PCI-E(x1) for Wi-Fi, Bluetooth, TV tuner options 1x Expresscard slot for 3G module
I/O Interface	2x HDMI ports (2 with audio output) 3x USB 2.0 ports 2x RJ45 for Gigabit LAN 2x RJ45 for RS232 serial port 2x Microjack audio connectors for Line-in & Line-out 1x Power button 1x Mini Din 12V DC jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	SGCC
Weight	3.1Kg (6.83lbs)
Chassis Color	Black & White
Storage	1x removable 2.5" HDD drive bay 1x mSATA
Power Supply	150W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	275mm(W) x 275mm(D) x 30mm(H) 10.8"(W) x 10.8"(D) x 1.18"(H)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	CFD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC



Features

- iSMART - for Auto-scheduler and power resume
- Supports 2nd/3rd Generation Intel® Core™ i7/i5/i3/ Celeron® QC/DC Processors
- 2x DDR3 SO-DIMM, Max. 16GB
- Intel® HD Graphics Engine
- iAMT compliance for remote management
- 2x USB 3.0 ports
- 2x Mini PCI-E(x1) slot for WiFi, 3G and TV tuner options
- Compact design

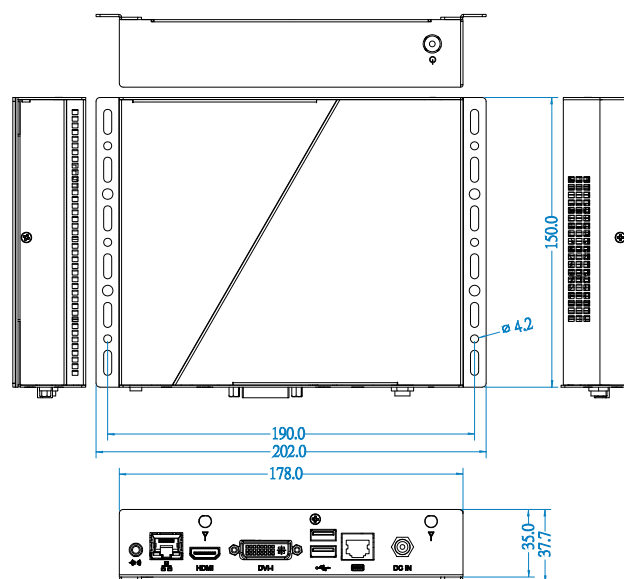
Specifications

System Mainboard	IB902A
CPU Type	2nd/3rd Generation Intel® Mobile Core™ i7/i5/i3/ Celeron® QC/ DC processors (TDP <= 35W)
CPU Socket	rPGA988B
Chipset	Intel® QM77
Memory	2x DDR3 1066/1333/1600 MHz SO-DIMM, Max. 16GB (Non-ECC)
Graphics	Intel® HD Graphics supports: OpenGL 3.0 DirectX® 11 OpenCL 1.1 MFX Hardware Video Decoder – MPEG-2, AVC, VC-1, JPEG
LAN	1x Intel® 82579LM Gigabit LAN controller w/ iAMT 9.0
Expansion Slots	Mini PCI-E(x1) for Wi-Fi + Bluetooth and 3G and TV tuner options, 1x Expresscard slot for 3G module
I/O Interface	1x HDMI, 1x DVI-I 1x Microjack audio connectors for Line-out 1x Gigabit LAN 2x USB 3.0, 1x RS-232 (RJ45 connector) 1x Power button with LED light 1x DC jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC-in
Construction	SGCC
Weight	1kg (2.20lbs)
Chassis Color	Black & White
Storage	1x mSATA 1x SATA 3.0 2.5" HDD Dock
Power Supply	60W power adaptor
Mounting	Standard system bracket
Dimensions	178mm(W) x 150mm(D) x 35mm(H) 7.12"(W) x 6"(D) x 1.4"(H)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-62	Signage Player with Intel® Core™ i5-3610ME processor (3M Cache, up to 3.30 GHz) 4 GB DDR3 SO-DIMM Memory, 2.5" 320GB SATA HDD, 60W power adaptor
SI-62M	Signage Player without CPU, RAM, HDD, with 60W adaptor
SI-MK3	Mounting bracket for SI-24/28/38/62 series

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.
3. For user's manual & datasheet download, visit www.ibase.com.tw

SI-83

4th Gen. Intel® Core™ i Processor-based Signage Player with
Intel® HD 4600 / 4400 Integrated Graphics and Dual DP and HDMI

Signature Book™



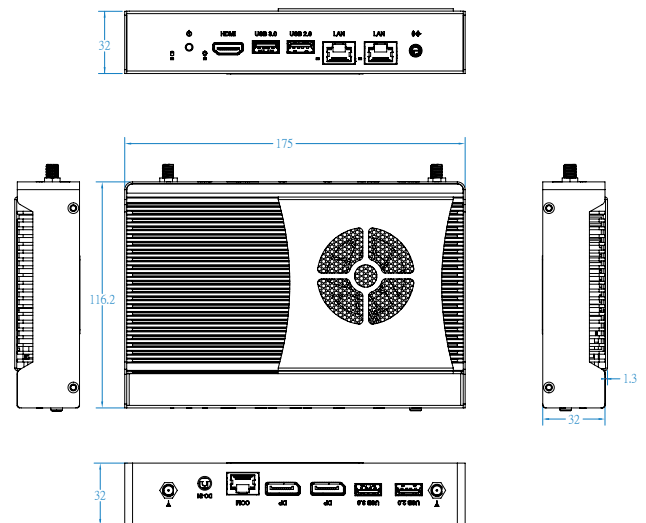
Features

- iSMART- for Auto - scheduler and power resume
- iAMT (9.0), vPro and Watchdog timer
- Supports 4th Generation Intel® Core™ processors
- Integrated Intel® HD 4600 /4400
- Supported APIs: DX11.1, OpenCL 1.2, OpenGL 4.0
- 2x DP 1.2, 1x HDMI 1.4a
- 2x DDR3L-1600 SO-DIMM, Dual channel, Max.16GB
- 1x Mini PCI-E(x1) slot for WiFi + Bluetooth, 3G, and TV tuner options
- Slim and segregated ventilation design

Ordering Information

SI-83-I7	Digital Signage Player with Intel® Core™ i7-4700EQ (2.4GHz), 4GB DDR3 SO-DIMM memory, 64GB mSATA, 84W power adaptor
SI-83-I5	Digital Signage Player with Intel® Core™ i5-4400E (2.7GHz), 4GB DDR3 SO-DIMM memory, 64GB mSATA, 84W power adaptor
SI-83-I7-M	Digital Signage Player with Intel® Core™ i7-4700EQ (2.4GHz), with 84W power adaptor, w/o memory, mSATA
SI-83-I5-M	Digital Signage Player with Intel® Core™ i5-4400E (2.7GHz), with 84W power adaptor, w/o memory, mSATA
SI-MK3	Mounting bracket for SI-24/28/38/62/83 series

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.
3. For user's manual & datasheet download, visit www.ibase.com.tw

Specifications

System Mainboard	IB983
CPU Type	4th Generation Intel® Core™ i7-4700EQ 2.4GHz 4th Generation Intel® Core™ i5-4400E 2.7GHz
CPU Socket	FCBGA1364 package
Chipset	Intel® QM87
Memory	2x DDR3L-1600 MHz SO-DIMM, Max. 16GB (Non-ECC)
Graphics	Intel® HD 4600 /4400 DX11.1, OpenCL 1.2, OpenGL 4.0 Supports 2x mini DP v1.3, & 1x HDMI 1.4a MVC HW Encode/Decode, Faster AVC Encode Full HW MPEG 2 Encode, JPEG/MJPEG HW Decode Gamut Mapping, Frame Rate Conversion
LAN	1x GbE with Intel® WG1217LM 1x GbE with Realtek RTL8111G-CG
Expansion Slots	1x Mini PCI-E(x1) slot for Wi-Fi + Bluetooth, 3G, and TV tuner options
I/O Interface	1x HDMI 2x DP 2x USB 3.0 ports, 2x USB 2.0 port 2x RJ45 for GbE LAN, 1x RJ45 for RS232 1x Microjack audio connectors for Audio/Mic 1x Power on/off button 1x Reset button 1x DC jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	1.2Kg (2.65lbs)
Chassis Color	Black & White
Storage	1x mSATA
Power Supply	84W power adaptor
Mounting	Standard system bracket
Dimensions	175mm(W) x 116mm(D) x 32mm(H) 6.9"(W) x 4.6"(D) x 1.18"(H)
Operating Temperature	0°C ~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

SI-304

2nd Gen. AMD Embedded R-series APU-based Signage Player with Radeon™ HD 9000 Series Graphics and Four HDMI

Signature Book™

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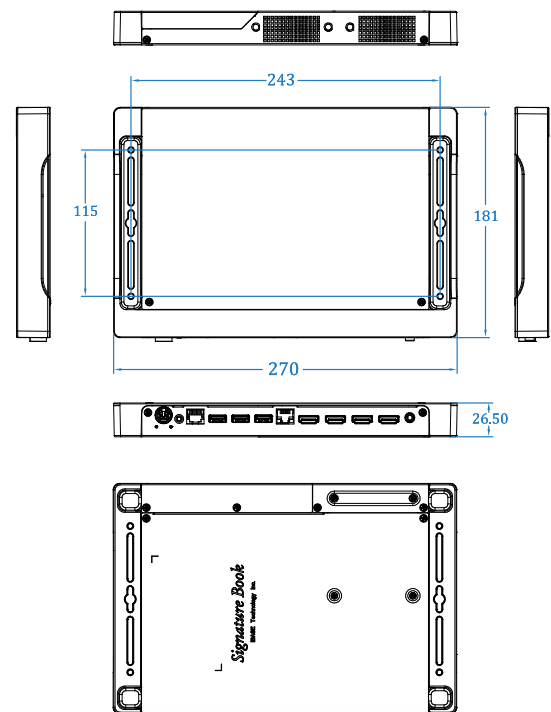
Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- 2nd Generation AMD Embedded R-series APU (Codename: "Bald Eagle"), up to 35W
- AMD Radeon™ HD 9000 series GPU
- 4x HDMI with 4096 x 2160 resolution per display output
- 2x DDR3-2133 SO-DIMM, Dual Channel, Max. 32GB
- Dual Mini PCI-E(x1) slots for Wi-Fi, Bluetooth, 3G/LTE or TV tuner options
- Segregated flow ventilation design

Ordering Information

SI-304	Signage Player w/ 2nd Generation AMD Embedded R-series APU (codenamed: "Bald Eagle"), 2x 4GB DDR3 SO-DIMM memory, 64GB mSATA, 84W power adaptor
SI-304M	Signage Player w/ 84W power adaptor, w/o Memory & HDD

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
 2. ODM/OEM is available.
 3. For user's manual & datasheet download, visit www.ibase.com.tw

Specifications

System Mainboard	IBD 304
CPU Type	2nd Generation AMD Embedded R-series APU (codenamed: "Bald Eagle") *The maximum TDP supported is up to 35W*
CPU Socket	FP3 BGA package, 32x29mm
Chipset	AMD A77E
Memory	2x DDR3 2133 SO-DIMM, dual channel, Max. 32GB
Graphics	Radeon™ HD 9000 series GPU
LAN	1x RTL8111G Gigabit LAN controller
Expansion Slots	1x mSATA/mPCIe(x1) Full size with SIM card slot 1x mPCIe(x1) Half size For WiFi and TV Tuner options
I/O Interface	4x HDMI 2x USB 3.0 ports 1x USB 2.0 port 1x RJ45 for LAN 1x RJ45 for RS232 1x Microjack audio connector for Line-in Power LED / HDD LED, power on/off button
Watchdog Timer	256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC-in
Weight	1.7kg(3.75lbs)
Construction	Aluminum + SGCC
Chassis Color	Black & White
Storage	1x mSATA 1x NGFF B key 22 x 42mm(2242)
Power Supply	84W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	270mm(W) x 181mm(D) x 26.5mm(H) 10.63"(W) x 7.09"(D) x 1.04"(H)
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)
Storage Temperature	-20° ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

SI-58

2nd/3rd Gen. Intel® Core™ Processor-based Signage Player with
AMD Radeon™ E6760 Graphics and Six HDMI

Signature Book™



Features

- iSMART - for auto-scheduler and power resume
- Supports up to six display outputs
- Discrete AMD Radeon™ E6760 graphics processors (480 processing elements) with 1024MB GDDR5-1600 graphics memory
- Supports 2nd/3rd Generation Intel® Core™ i processor
- Supports 2x DDR3 1333MHz SO-DIMM, Max. 16GB
- Expresscard slot and dual mPCIe(x1) slots
- Two RS232 serial ports
- Slim and segregated flow ventilation design

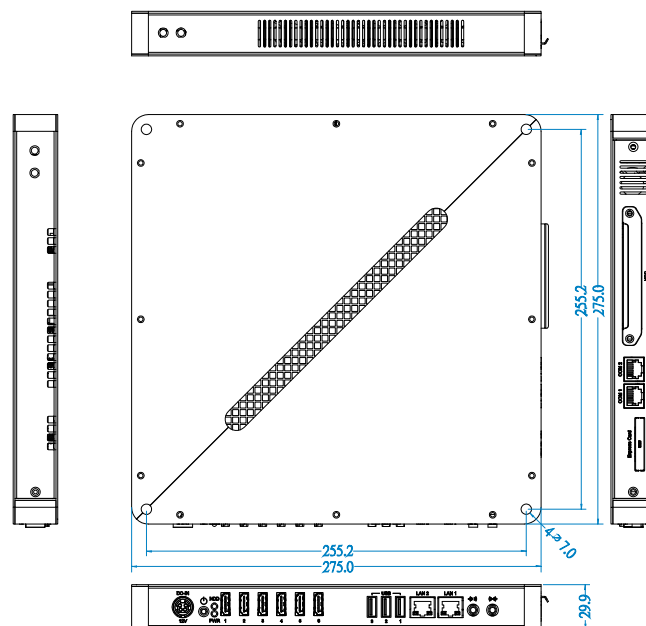
Specifications

System Mainboard	IB958-58
CPU Type	2nd/3rd Generation Intel® Core™ i7/i5/i3 Mobile Processors
CPU Package	FCPGA988
Chipset	Intel® QM67
Memory	Supports 2x DDR3 1333MHz SO-DIMM memory, Max. 16GB
Graphics	<ul style="list-style-type: none"> • AMD Radeon™ E6760 GPU (480 Cores @ 600 MHz; 31W) with 1024MB GDDR5-1600 (57.6 GB/s) • 128-bit wide, 1.DirectX®11 GB GDDR5, 51.2 GB/s • DirectX®11, Shader 5.0, OpenGL 4.1 capable • UVD3 video & display engines for HD, Blu-ray & 3D
LAN	1x Intel® 82579LM Gigabit LAN controller (with iAMT 7.0) 1x Intel® 82579V Gigabit LAN controller
Expansion Slots	2x Mini PCI-E(x1) for Wi-Fi, Bluetooth, TV tuner options 1x Expresscard slot for 3G module
I/O Interface	6x HDMI ports (2 with audio output) 3x USB 2.0 ports 2x RJ45 for Gigabit LAN 2x RJ45 for RS232 serial port 2x Microjack audio connectors for Line-in & Line-out 1x Power button 1x Mini Din 12V DC Jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	SGCC
Weight	3.1Kg (6.83lbs)
Chassis Color	Black & White
Storage	1x removable 2.5" HDD drive bay 1x mSATA
Power Supply	150W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	275mm(W) x 275mm(D) x 30mm(H) 10.8"(W) x 10.8"(D) x 1.18"(H)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	10~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, CCC, UL

Ordering Information

SI-58-2510	Signage Player w/ 2nd Generation Intel® Core™ i5 2510E 2.5GHz, w/ AMD E6760 GPU, 4GB RAM, 320GB HDD, 150W power adaptor
SI-58M	Signage Player w/ AMD E6760 & 150W power adaptor, w/o CPU/RAM/HDD
SI-MK5	Mounting bracket for SI-56/58 series

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
 2. ODM/OEM is available.
 3. For user's manual & datasheet download, visit www.ibase.com.tw

SI-64

2nd/3rd Gen. Intel® Core™ Desktop Processor-based Signage Player
with AMD Radeon™ E6760 Graphics and Four DVI

Signature Book™



Features

- iSMART - for auto-scheduler and power resume
- Supports up to four display outputs
- Discrete AMD Radeon™ E6760 graphics processors (480 processing elements) with 1024MB GDDR5-1600 graphics memory
- Supports 3rd Generation Intel® Core™ i7/i5/i3, Pentium QC/DC desktop processors
- 2x DDR3 1600MHz SO-DIMM, Max. 16GB
- 2x Mini PCI-E(x1) slots for WiFi, 3G and TV tuner options
- Two RS232 serial ports

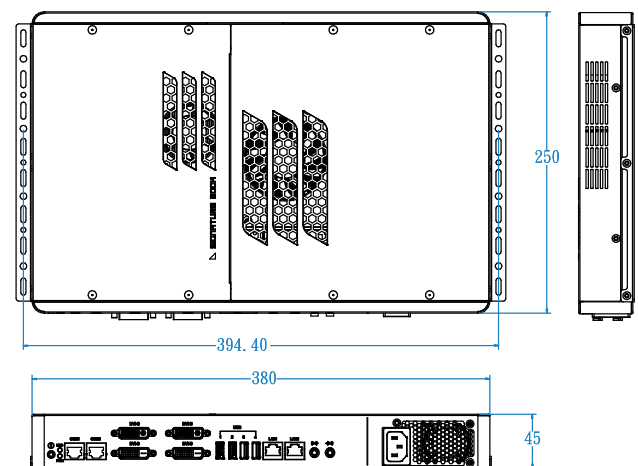
Specifications

System Mainboard	IB964
CPU Type	3rd Generation Intel® Core™ i7/i5/i3, Pentium QC/DC Desktop Processors *The maximum TDP supported 77W
CPU Socket	LGA1155
Chipset	Intel® Q77
Memory	2x DDR3 1600MHz DIMM, Max. 16GB (Non-ECC)
Graphics	AMD E6760 GPU (480 Cores @ 600 MHz; 31W) with 1024MB GDDR5-1600 (57.6 GB/s) 128-bit wide, 1.DirectX®11GB GDDR5, 51.2 GB/s DirectX®11, Shader 5.0, OpenGL 4.1 capable UVD3 video & display engines for HD, Blu-ray & 3D
LAN	1x Intel® 82579LM Gigabit LAN controller (with iAMT 8.0) 1x Intel® 82579V Gigabit LAN controller
Expansion Slots	2x Mini PCI-E(x1) slot for WiFi, 3G and TV tuner options
I/O Interface	3x DVI, 1x Hybrid DVI (DVI/ VGA / HDMI with audio) 2x USB 2.0 ports, 2x USB 3.0 ports 2x RJ45 for LAN, 2x RJ45 for RS232 2x Microjack audio connectors for Line-in / Line-out Power / HDD LED, 1x Power on/off button 1x Power jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	AC-in
Construction	SGCC
Weight	4.1 kg (9.04lbs)
Chassis Color	Black & white
Storage	1x mSATA 1x SATA 3.0 2.5" HDD Dock
Power Supply	Internal 250w PSU
Mounting	Standard system bracket
Dimensions	380mm(W) x 250mm(D) x 45mm(H) 14.9"(W) x 9.8"(D) x 1.77"(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC, CCC , UL

Ordering Information

SI-64	Signage Player with 3rd Generation Intel® Core™ i5 (DT) i5-3550S Processors (6M Cache, up to 3.0 GHz) with AMD E6760 GPU, 8GB DDR3 DIMM, 2.5" 320GB SATA HDD
SI-64M	Signage Player with AMD E6760 GPU, without CPU/RAM/ HDD

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.
3. For user's manual & datasheet download, visit www.ibase.com.tw

SI-60E

4th Gen. Intel® Core™ Desktop Processor-base Signage Player with AMD Radeon™ E8860 Graphics and Twelve HDMI

Signature Book™

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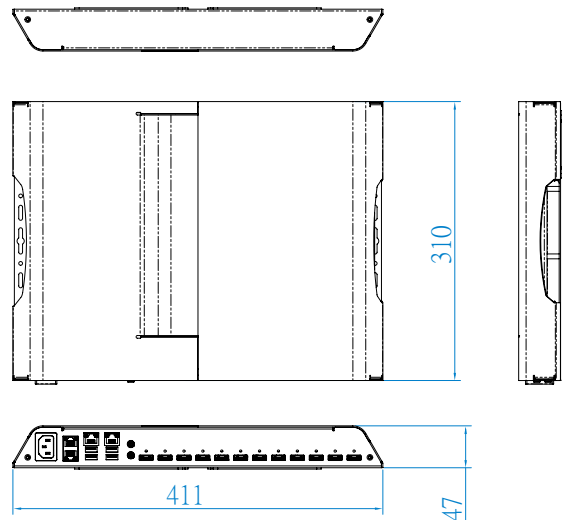
Features

- iSMART- for Auto - scheduler and power resume
- Supports up to 12 display outputs with EDID emulation & AMD Eyefinity function
- Discrete AMD Radeon™ E8860 graphics processors with 2GB GDDR5 graphics memory
- Supports 4th Generation Intel® Core™ i desktop processor
- Supports 4x DDR3 1600 MHz, Max. 32GB
- 2x Mini PCI-E(x1) slots for WiFi, 3G and TV tuner options
- Two RS232 serial ports
- Compact and segregated flow ventilation design

Ordering Information

SI-60E	Signage Player with 4th Gen. Intel® Core (DT) i7-4770S processor, 16 GB DDR3 DIMM, 2.5" 320GB SATA HDD and 250W PSU.
SI-60E-M	Signage Player with E8860 GPU & 250W PSU (w/o CPU, RAM, HDD)

Dimensions



Specifications

CPU Type	4th Generation Intel® Core™ i7/i5/i3 and Pentium® QC/DC processors, Up to 3.5GHz
CPU Socket	LGA1150
Chipset	Intel® Q87 PCH
Memory	4x DDR3 1600 MHz, Max. 32GB
Graphics	AMD E8860 GPU with 128-bit wide, 2GB GDDR5, 72Gbps 640 Shader processors <ul style="list-style-type: none"> • AMD APP technology3, OpenCL™ 1.24, DirectCompute 11.1 • 768 / 48 GFLOPS single- / double-precision peak (600e/4.5Gbps) • Supports AMD Eyefinity technology3
LAN	1x Intel® Clarkville I218LM GbE PHY, 6mm x 6mm, QFN48 1x Realtek RTL8111G-CG
Storage	1x mSATA 2x SATA 3.0 2.5" HDD Dock (support Raid 1)
Expansion Slots	Dual mPCI-E(x1) slots for WiFi, 3G and TV tuner options
I/O Interface	12x HDMI with EDID emulation function 4x USB 3.0 ports 2x RJ45 for LAN 2x RJ45 for RS232 2x Microjack audio connectors for Line-in / Line-out Power LED for power on/off & HDD 1x power button 1x DC Jack
Watchdog Timer	256 segments, 0, 1, 2...255 (sec/min)
Construction	SGCC
Weight	TBC
Chassis Color	Black and white
Mounting	STD system bracket
Dimensions	411mm(W) x 310mm(D) x 47mm(H) 16.44"(W) x 12.4"(D) x 1.88"(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC, CCC, UL

Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.
3. For user's manual & datasheet download, visit www.ibase.com.tw

SI-32-N

AMD R-452L Quad-Core APU-based Fanless Signage Player with Radeon™ 7600G Graphics, Dual DVI and Wide Power Input

Signature Book™

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Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- Dual independent 1080p playback
- AMD R-Series Quad-Core R-452L (1.6/2.4GHz) APU
- 2x DDR3 1600MHz SO-DIMM, Max. 8GB
- AMD Radeon™ HD 7600G GPU
- Dual Mini PCI-E(x1) slots for Wi-Fi, Bluetooth, 3G or TV tuner options
- 12V~24V DC wide-range power input
- Compact and fanless design

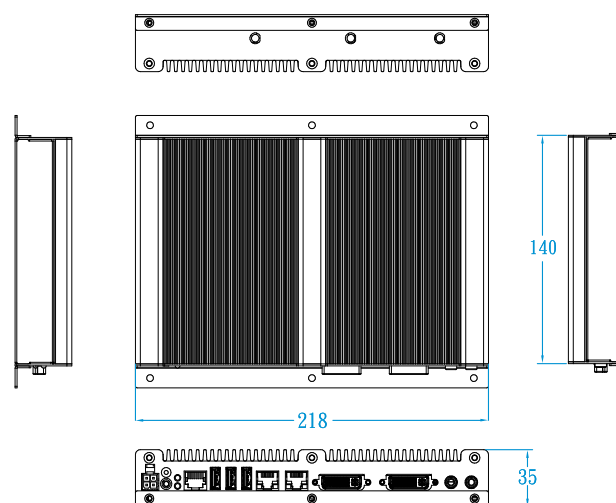
Specifications

System Mainboard	IB939-45
CPU Type	AMD R-452L Quad-Core (1.6/2.4GHz) APU
CPU Package	827-BGA (837mm*2)
Chipset	AMD A70M
Memory	2x DDR3 1600MHz SO-DIMM memory, Max. 8GB
Graphics	AMD Radeon™ HD 7600G GPU 2x Hybrid DVI-I Supports: OpenCL™ 1.1/DirectCompute 11, DirectX® 11 UVD3 Hardware Video Decoder, MPEG-2, MPEG-4, H.264, VC-1, WMV
LAN	2x RTL8111G Gigabit LAN controller
Expansion Slots	1x mSATA/mPCIe(x1) Full size 1x mPCIe(x1) Half size For Wi-Fi, Bluetooth, 3G or TV Tuner options
I/O Interface	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 1x Dual-link DVI-I 3x USB 3.0 ports 2x RJ45 for LAN 1x RJ45 for RS232 2x Microjack audio connectors for Line-in / Line-out Power LED / HDD LEDb & power on/off button 1x ATX 4-pin Power jack connector
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V~24V DC-in
Construction	Aluminum + SGCC
Weight	1.7kg (3.75lbs)
Chassis Color	Black & white
Storage	1x open frame SSD 1x mSATA
Power Supply	84W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	270mm(W) x 181mm(D) x 35mm(H) 10.63"(W) x 7.09"(D) x 1.37"(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-32-N	Signage Player with AMD R-452L Quad-Core (1.6/2.4GHz) APU, 4GB DDR3 SO-DIMM, 64GB mSATA & 84W power adaptor
SI-32-NM	Signage Player with AMD R452L Quad-Core (1.6/2.4GHz) APU, & 84W power adaptor ; without RAM, Storage

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.
3. For user's manual & datasheet download, visit www.ibase.com.tw

SE-92

Latest Gen. Intel® Core™ i7/i5 ULT Processor-based Fanless Signage Player
with Dual DVI and Wide Operating Temperature

Signature Book™

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Features

- SE-92 with iSmart V 3.0 support (on/off auto-scheduling and power-resume)
- SE-92I with power management (ignition sensing startup, shutdown delay and low power protection setting)
- Supports the latest Gen. Intel® Core™ i7/i5 ULT Processors with Intel® HD graphics engine integrated
- 2x DVI-I with EDID emulation function
- iAMT for remote management
- 2x M2(NGFF) slots for optional Solid State Storage Devices (SSD), Wi-Fi, Bluetooth, 3G/LTE or TV tuner
- 6V~36V DC wide-range power input
- Wide operating temperature support from -40°C to 75°C
- Ruggedized, fanless and all solid state design

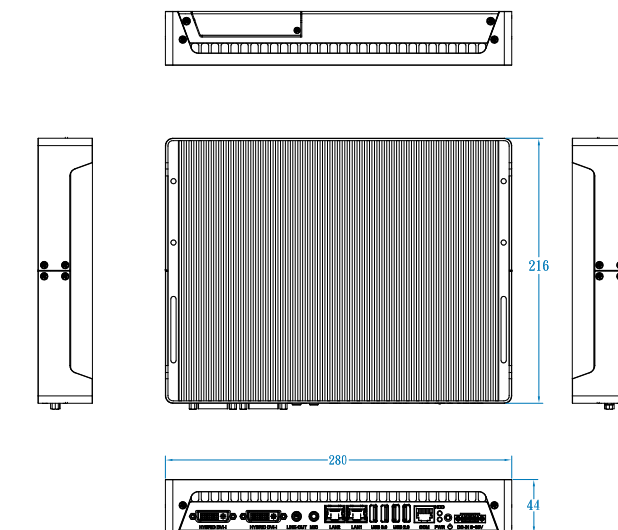
Ordering Information

SE-92	Signage Player with Intel® Core™ i7 ULT processors, 2x 2GB DDR3L SO-DIMM memory, 64GB SSD
SE-92I	In-Vehicle Signage Player with Intel® Core™ i7 ULT processors, 2x 2GB DDR3L SO-DIMM memory, 64GB SSD
SE-92M	Signage Player with Intel® Core™ i7 ULT processors, w/o memory, mSATA
SE-92IM	In-Vehicle Signage Player with Intel® Core™ i7 ULT processors, w/o memory, mSATA

Dimensions

Specifications

System Mainboard	IB912(I)
CPU Type	The latest Gen. Intel® Core™ i7/i5 "the latest ULT" Processors
CPU Socket	FCBGA1168
Chipset	SoP (System-on-Package)
Memory	2x DDR3L-1600 SO-DIMM Max. 16GB
Graphics	Intel® HD graphics engine
LAN	1x GbE with Intel® 218LM PHY 1x GbE with Intel® 210IT PCIe
Expansion Slots	1x Mini PCI-E(x1) slot for Wi-Fi/ Bluetooth/ TV Tuner/ 3G / LTE Wireless options 1x SIM card slot 2x M2(NGFF) slots for Solid State Storage Devices (SSD)/ Wi-Fi/ Bluetooth/ 3G/LTE/ TV tuner options
I/O Interface	2x DVI-I with EDID emulation function 2x USB 2.0 2x USB 3.0 2x RJ45 for Gigabit LAN 1x RJ45 for RS-232 serial port 2x Microjack audio connectors for Mic-in / Line-out Power / HDD LED, 1x Power on/off button 1x 4 pin 6~36V DC terminal block
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	6V~36V DC-in
Construction	Aluminum + SGCC
Weight	TBD
Chassis Color	Black & White
Storage	1x 2.5" HDD/SSD 1x mSATA 1x NGFF M key 22 x 80mm (2280)
Power Supply	TBD
Mounting	Standard system bracket
Dimensions	280mm(W) x 216mm(D) x 44mm(H) 11.2"(W) x 8.64"(D) x 1.76"(H)
Operating Temperature	-40°C~ 75°C (-40°F~ 167°F) with SSD w/o WiFi or 3G/LTE
Storage Temperature	-50°C~85°C (-58°F~ 185°F) with SSD
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC, CCC, UL & e13 Mark



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.
3. For user's manual & datasheet download, visit www.ibase.com.tw

IOPS-18

AMD G-Series Dual-Core APU-based OPS Signage Player with Radeon™ 6320 Graphics

OPS Module



Features

- AMD Embedded G-Series APU (Dual-Core)
- Integrated 80 Core DirectX 11 GPU in processor
- 1x DDR3 1333 MHz SO-DIMM, Max. 4GB
- Supported I/O: VGA, LAN port, USB 2.0, COM port, internal Mini PCI-E, OPS connector
- HDD LED Activity Indicator

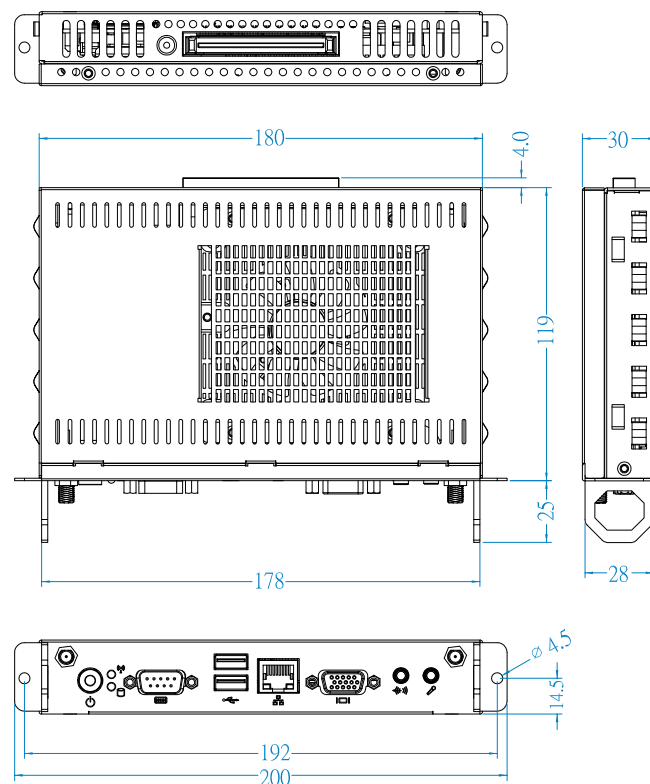
Specifications

System Mainboard	iOPS-18MB
CPU Type	AMD G-Series Dual-Core APU (Accelerated Processing Unit); T56N=1.65GHz @ 18W TDP
CPU Package	413-BGA
Chipset	AMD A50M Controller Hub
Memory	1x DDR3 1333MHz SO-DIMM 204PIN (Max. 8GB)
Graphics	AMD Radeon HD6320 series graphics processing system integrated in APU <ul style="list-style-type: none"> • DirectX 11 • Direct Compute 1.1 • Open GL 4.0 • OpenCL 1.1 • UVD3 Hardware Video Decoder – MPEG2, MPEG4, H.264, VC-1, WMV9 • HDMI/ DP: (via OPS interconnection) • VGA
LAN	1x Realtek RTL8111C PCI-E Gigabit LAN controller
Expansion Slots	1x Mini PCI-E(x1) for Wi-Fi, Bluetooth, TV tuner options
I/O Interface	1x OPS connector (JAE TX 25, Pin definition follow Intel OPS Spec) 1x D-Sub, 1x Gigabit LAN (RJ-45), 2x USB2.0 compliant 1x COM port (RS-232), Power button, Line-In/Line-out
Auto Control and Monitoring	Watchdog timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	DC-in +12~+19V (Intel® OPS standard)
Construction	Aluminum + SGCC (steel)
Weight	0.9kg (1.98lbs)
Chassis Color	Black
Storage	2.5" open frame SSD
Mounting	Slim design with wall mounting holes
Dimensions	200mm(W) x 119mm(D) x 30mm(H) 7.87"(W) x 4.69"(D) x 1.18"(H)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC

Ordering Information

IOPS-18	OPS System with AMD T56N APU 1.65GHz, 2GB RAM, 32GB SSD
IOPS-18M	OPS System with AMD T56N APU 1.65GHz without memory and HDD

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
 2. ODM/OEM is available.
 3. For user's manual & datasheet download, visit www.ibase.com.tw

IOPS-76

2nd/3rd Gen. Intel® Core™ i Processor-based OPS Signage Player with Intel® HD Integrated Graphics

OPS Module



Specifications

System Mainboard	iOPS-76 MB
CPU Type	2nd/3rd Generation Intel® Core™ i7/i5/i3/ Celeron® Quad-Core/Dual-Core Mobile Processors (TDP <= 35W)
CPU Package	FCBGA1023
Chipset	Intel® QM77 PCH
Memory	2x DDR3 1600MHz SO-DIMM memory, Max. 16GB
Graphics	Intel® HD Graphics supports: OpenGL 3.0 DirectX® 11 OpenCL 1.1 MFX Hardware Video Decoder – MPEG-2, AVC, VC-1, JPEG
LAN	1x Intel® 82579LM Gigabit LAN controller
Expansion Slots	1x Mini PCI-E(x1) slot for Wi-Fi, Bluetooth, TV Tuner, 3G Wireless options
I/O Interface	1x DisplayPort 2x USB 3.0 ports 1x RJ45 for LAN 2x Microjack audio connectors for Line-in / Line-out Power On/Reset button
Auto Control and Monitoring	256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	DC-in +12~+19V (Intel® OPS standard)
Construction	Aluminum + SGCC(steel)
Weight	0.9kg (1.98lbs)
Chassis Color	Black
Storage	1x mSATA
Mounting	Open Pluggable Specification
Dimensions	200mm(W) x 119mm(D) x 30mm(H) 7.87"(W) x 4.69"(D) x 1.18"(H)
Operating Temperature	0°C~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC

Features

- Supports 2nd/3rd Generation Intel® Core™ i5/i7/ Celeron Mobile QC/DC Processors
- 2x DDR3 1333MHz SO-DIMM, Max. 16GB
- Supported I/O: Display port, USB 3.0, LAN port
- Intel® HD Graphics Engine
- iAMT Compliance for remote management
- 2x USB 3.0 ports
- 1x Mini PCI-E(x1) slots for Wi-Fi/ Bluetooth/ TV / Tuner/ 3G Wireless options

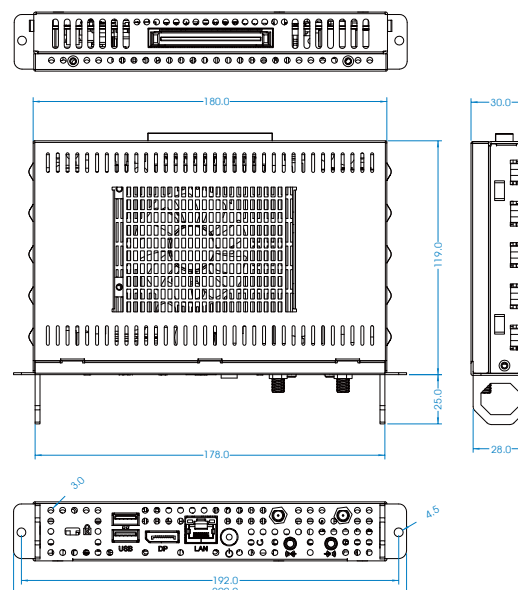
Expansion Dock

I/O Interface	1x DisplayPort, 1x HDMI port 1x USB 3.0 port, 2x USB 2.0 ports 1x DB9 for RS232 1x Microjack audio connectors for Line-in / Line-out 1x 12~19V Mini DIN DC Jack
Dimensions	7.89"(W) x 6.85"(D) x 1.44"(H)

Ordering Information

iOPS-76	OPS Player with Intel® Core™ i5-3610ME Mobile processor (3M Cache, up to 3.30 GHz) 8GB RAM, 64GB mSATA
iOPS-76L	OPS Player with Intel® Celeron® 827E processor (1.5M Cache, 1.40 GHz), 8GB RAM, 64GB mSATA
iOPS-76-M	OPS Player with Intel® Core™ i5-3610ME Mobile processor (3M Cache, up to 3.30 GHz) without Memory / mSATA
iOPS-76L-M	OPS Player with Intel® Celeron® 827E Mobile processor, without Memory / mSATA
iOPS-EK1-SYS	iOPS-76 series Expansion Dock with 150W adaptor- for use without OPS display

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.
3. For user's manual & datasheet download, visit www.ibase.com.tw

Outdoor Digital Signage Player

Rugged, Wide Temperature Design
for Outdoor, Harsh Environment Application

SI-12

Entry-Level, Dual HDMI Digital Signage Player



Fanless Operation



iSMART



Wireless Connectivity



Wide Temperature

- Intel® Atom™ Processor E3845 SoC
- Intel® HD graphics (Gen 7-LP) 4EU, supports 2x HDMI 1.4a
- Wide operating temperature support from -30°C to 60°C
- Fanless, super slim and compact design

SE-92

Mid-Range Dual DVI-I Digital Signage Player



24/7 & Longevity



Wide input range



Wireless Connectivity



Wide Temperature

- Supports the newest Gen Intel® Core™ i7/i5 ULT Processors with Intel® HD graphics engine integrated
- 6V~36V DC wide-range power input
- Wide operating temperature support from -40°C to 75°C
- Ruggedized, fanless and all solid state design
- e13Mark certified

4K Ultra HD Video Wall Players

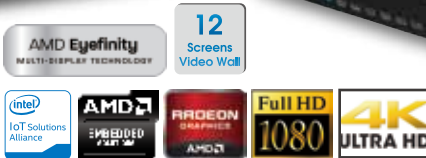
Excellent Graphics Performance
For Multi-port, Video Wall Application

SI-60E

Extreme Performance, Twelve HDMI Signage Player



- ✓ Supports up to twelve independent displays with EDID emulation flexible video wall display configuration
- ✓ Supports up to 7680 x 3240 resolution with AMD Eyefinity mode
- ✓ Suited for ultra-high quality video oriented contents



SI-304

Mid-Range, Four HDMI Signage Player

- ✓ Supports up to four independent audio and display outputs with EDID emulation
- ✓ Flexible video wall display configuration
- ✓ Supports up to 8192 x 4320 resolution with AMD Eyefinity mode

